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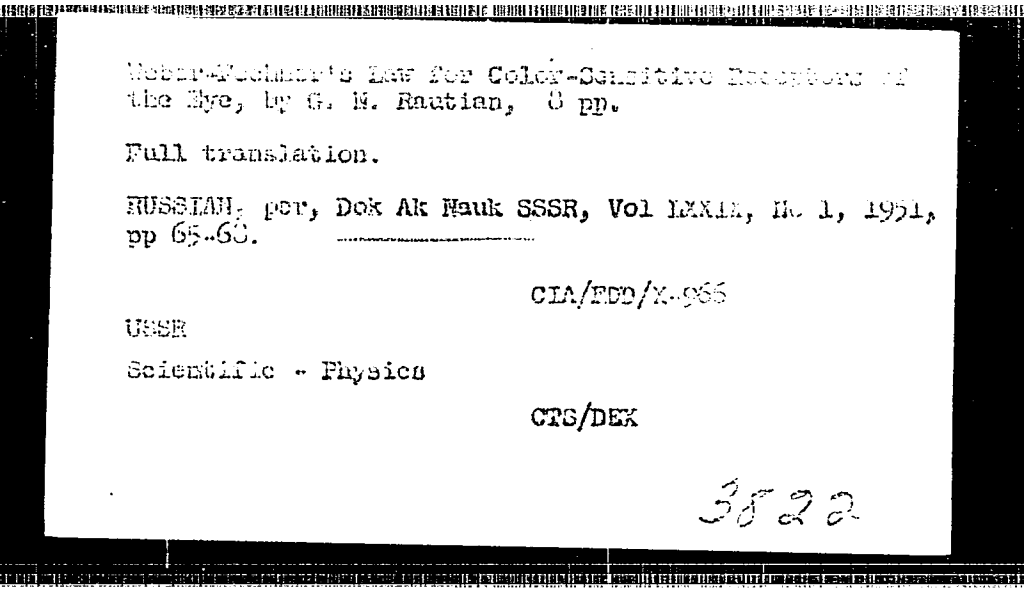

Weber-Fechner's Law for Color-Sensitive Receptors of the Eye, by G. M. Rautian, 8 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 1, 1951, pp 65-68.

CIA/FDD/X-965

USSR

Scientific - Physics

CTS/DEK

3722

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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The Submicroscopic Structure of Alni Alloy (60.85% ... 25% Ni, 14% Al, 0.15% Cu), by N. N. Buinov, and E. ... Lerinman.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 1, 1951, pp 69-72.

Sci - Chem ABC Tr 1308

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Quantitative Evaluation of the Photographic Effect in Multilayer Color Photographic Materials, by Yu. N. Gorokhovskiy, D. K. Balabukha, T. M. Levenberg, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 1, USSR, 1951, pp 73-76

CIA/FDD/X-1146

Dec 1953 CTS

Lee - Physics

7571

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Structure of Iron-Nickel-Aluminum Alloys for Permanent Magnets, by Su. Skakov

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 79, 1951, No 1, pp 77-80.

Brutcher Order No 3052
Price $1.90

Scientific - Metallurgy

1384

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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The Theory of Slow Heterogeneous Reactions in a Moving Liquid by V. G. Levich, N. M. Meiman.

Full translation.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol LXXIX, No 1, USSR, 1951, pp 97-100.

AEC Tr: 1376

Scientific - Physics, Moving liquid

Sep 52 CTS/DEK

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Hydraulic Properties of Hydrothermically Treated Clay and Lime Materials, by P. P. Budnikov,

RUSSIAN, [illegible] per, Dok.Akad.Nauk SSSR, Vol LXXIX, No 1, 1951, pp 109-112.

Insdoc T.829
Sci Tr Center

USSR
Scientific - [illegible]
Minerals/metals

Nov 55
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28,258

Indian Nat Sci Documentation Ctr
Nat. Physical Lab of India
Hillside Rd.
New Delhi-12, India

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Effect of Vernalisation and of the Conditions of Growth on the Fertility of the Hybrids of Tr.vulgare and Tr. durum, by G.K. Bondarenko.
RUSSIAN, per, Dokl. Akad. nauk SSSR, Vol.79, 1951, pp 157-158
NZDSIR/Ref. 565

Sci -
July 1967

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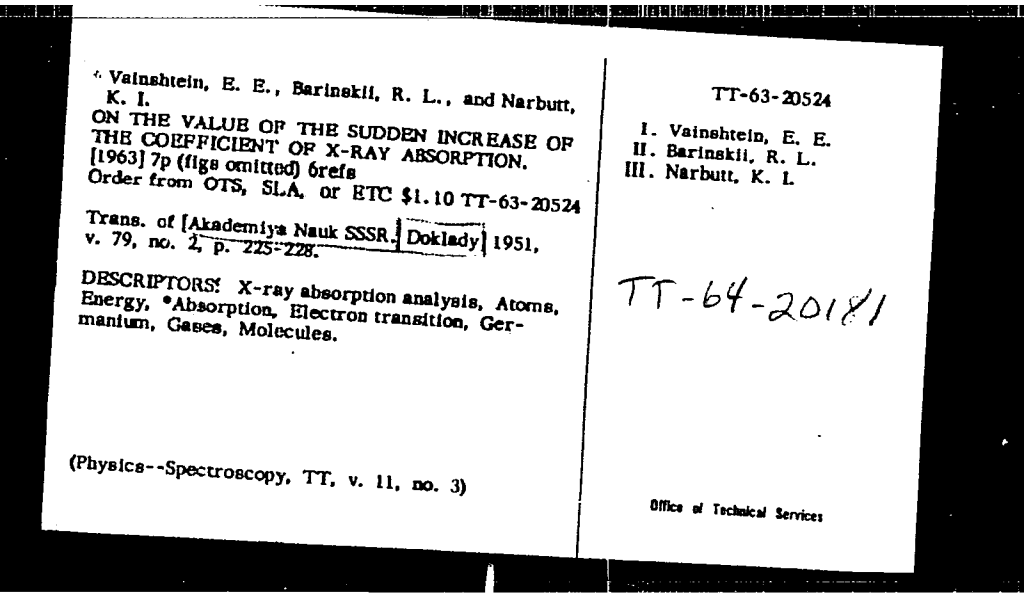

Vainshtein, E. E., Barinskii, R. L., and Narbutt, K. I.
ON THE VALUE OF THE SUDDEN INCREASE OF THE COEFFICIENT OF X-RAY ABSORPTION. [1963] 7p (figs omitted) 6refs
Order from OTS, SLA, or ETC $1.10 TT-63-20524

Trans. of [Akademiya Nauk SSSR, Doklady] 1951, v. 79, no. 2, p. 225-228.

DESCRIPTORS: X-ray absorption analysis, Atoms, Energy, *Absorption, Electron transition, Germanium, Gases, Molecules.

(Physics--Spectroscopy, TT, v. 11, no. 3)

TT-63-20524

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Office of Technical Services

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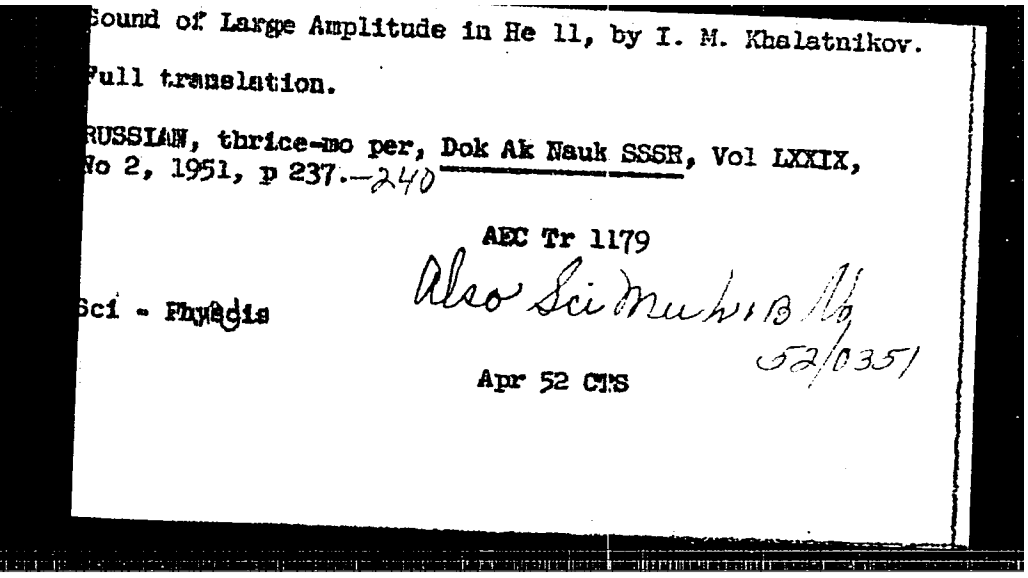

Sound of Large Amplitude in He II, by I. M. Khalatnikov.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, p 237.-240

AEC Tr 1179

Also Sci Mucho B Mg 52/0351

Sci - Physics

Apr 52 CTS

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Details of the Spectrum of the Night Sky From 9,500 A to 12,000 A., by V. T. Lukashenya, V. I. Krasovskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 241-244.

Amer Met Soc T-187 RU

(LAM) NLL M. 2848

Sci

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A.C.S.I.L. Ju 1488
(920796)

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Atomic-Isochors and the Rule of Crystallochemical Equality of Volume, by A. F. Kapustinskiy.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 249-252.

NLL M. 4524

Sci - Phys

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Leskovich [Ya]. A.
THE STUDY OF THE PLASTICITY OF POLYMORPHOUS MODIFICATIONS OF AMMONIUM NITRATE. [1961] 7p. 3 refs.
Order from OTS or SLA $1.10 62-10474

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 79 [no. 2] p. 257-260.

DESCRIPTORS: *Ammonium radicals, *Nitrates, Plasticity, Phase studies, Transformations.

(Physics--Solid State, TT, v. 7, no. 9)

62-10474

I. Leskovich, Ya. A.

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Height of the Potential Barrier in the Hydrogen Bonds of Benzoquinhydrone, by A. I. Brodskii, I. P. Grigorov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 277-279.

AEC Tr 1514

Scientific - Chemistry, hydrogen, benzoquinhydrone

Brookhaven Nat Lab 24 Mar 1953

843

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Effect of Surface-Active Substances (Color-Formers) on the Specific Viscosity of Gelatin Solutions and Photographic Emulsions, by B. V. Deryagin, S. M. Levi, V. S. Kol'tsov, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 283-286.

CIA/FDD/K-1092

Scientific - N Chemistry CTS/DEX 5587

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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RUSSIAN, thrice-mo pam. Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 287-288.

Brutcher Tr 3160

Scientific - Minerls/nMetals

Price $2.25 ~~XMXXXX~~ Nov 53 CTS 7282

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New Fast Chemical and Phase Analysis of Limestone and Dolomite, by A. I. Tsvetkov, 3 pp.

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Sci Tr Center
RT-1214

Scientific - Chemistry
CTS 70/Jul 55

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The Role of Tanning Matter in the Phenomena of Disease Resistance in Cotton Plants, by B. A. Rubin, L. M. Perevyazkina.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 2, 1951, pp 303-306.

Sci Museum Lib No 52/2600

OTS 63-13582

USSR
Scientific - Biology, disease, cotton plants, tanning.

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Changes in the ? Fine Structure of Mineral Coals in Various Stages of Metamorphism, by V. I. Kasatochkin, et al.

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Sci - Min/Met

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The Kinetics of the Polyamidation Reaction, by G. N. Chelnokova, S. R. Rafikov, V. V. Korshak.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1949, pp 353-355.

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Sci - Chem

Mar 59

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Doklady Akademii Nauk SSSR Vol 79, No 3, (21 July 1951)
pages 405-6 (FDD copy S 988)

"The Relation Between the Average and Maximum Velocities During Turbulent Motion in Pipes" author: A. D. Al'tshul'

Proj 11348 ST-256

WAK SR 4Apr52

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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(FDD 27159)

Problem of the Elimination of Reflections in Wave guides With Variable Cross Sections, by B. L. Rozhdestvenskiy, D. N. Chetayev, 7 pp.

RUSSIAN, thrice - mo per, Dok Ak Nauk SSSR Vol LXXIX, No 3, Moscow, 1951 pp 427-430.

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USSR

Sci - Electronics & physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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The Theory of Ferroelectricity, by G. A. Smolenskii, and R. E. Pasenkov, Sup.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, (USSR Academy of Sciences, Reports), Vol LXXIX, No 3, 1951, pp 431-434.

KT-742
AEC Tr 1267

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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The Relation Between Lattices of the NiAs and Ni_2In Type and Certain Rhombic Types, by D. S. Beliankin, 8 pp.

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SLA Tr R-721

Sci - Chemistry
Sep 57

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Diffusion of Oxygen and Oxidation of Rubbers in the Presence of Phenyl Naphthylamine, by A. S. Kus'minsky, L. L. Shanin, N. N. Leshnev. USCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, PP 467-.

SLA 60-1386

DSIR LLU M.1060

(loan)

111,131

Sci - Chem

Mar 60

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Mobility of Hydrogen in Aromatic Compounds, by A. I. Shatenshtein, E. A. Izraelevich, L. M. Vasil'eva, and M. Faivush.

Full translation.

RUSSIAN, mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 479-482.

AEC Tr 1431

USSR

Scientific - Chemistry, hydrogen

Nov 52 CMS/DEX

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The Ability of the Cells of the Aerial Part of the Tobacco Plant to Synthesize Nicotine, by M. F. Mashkovtsev, A. A. Sirotenko, 6 pp.
RUSSIAN, per, Doklady Akademiya Nauk, Vol 79, No 3, 1951, pp 487-489.
K-H-2233 a

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Sci - Agriculture
Mar 67

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(FDD 15674)

Splitting of Porphyrin Rings Under the Effect of Ultrasonic Waves, by I. El'piner, L.A. Blyumenfel'd, S.E. Krasovitskaya, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, Moscow, Jul 1951, pp 495-497.

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USSR

9451

Sci - Physics

Jan 54

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Concerning the Peculiarities of the Growth of the Primary Meristem at Young Internodes of Wheat, by N. A. Ordina, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, 1951, pp 521-524.

SLA 60-18029

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Sci

May 62
Vol 4 No 10

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An empirical Equation for the Calculation of the Dissociation Energies of the CH- and CC- Bonds in Molecules of Saturated Hydrocarbons and in Free Aliphatic Radicals, by V. V. Voevodskii

Full Translation

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 4, 1951, pp 455-458.

AEC Tr 1131

Sci - Chem

Feb 52 CTS

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Doklady Akademii Nauk SSSR, Vol 79, No 4 (1 Aug 51), pages 589-590

"Concerning the Geometrical Meaning of the Conditions Governing the Existence of Transverse-Electrical and Transverse-Magnetic Fields in Curvilinear Coordinate Systems" author: M. L. Levin

11641 ST-256 SR 26 Mar 52

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General Sensitometry of Multilayer Photographic Color Material, by Yu. N. Gorokhovskiy, O. M. Ponomarenko, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 4, 1951, pp 591-593.

CIA/FDD/X-1081

Scientific - ~~Medicine~~ CTS/DEX
Chemistry

5576

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Amides of Dialkylphosphonocarboxylic Acids and Their Derivatives, by Gil'm Kamay, E. I. Shugurova, 5pp.

RUSSIAN, thricemo per, Dok Ak Nauk SSSR, Vol LXXIX, No 4, 1951, pp605-608.

Sci Tr Ctr RT-3866

Sci - Chemistry
Aug 56 CTS/dex

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On Radioautographic Determination of Radio-Isotope Localisation in Plants, by V. M. Klechkovskiy, T. P. Evdokimova, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, pp 629-632.

USIA

20,170

Scientific - Biology

Dec 1954 CIS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Rubin, B. A., and Volobueva, P.
THE ACTIVITY OF THE POLYPHENOL OXIDASES OF THE TISSUES OF THE COTTON PLANT AS RELATED TO THE RESISTANCE OF THE PLANT TO THE FUNGUS VERTICILLIUM ALBO-ATRUM.
[1962] [6]p. 1 ref.
Order from OTS or SLA $1.10 63-13583

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1951, v. 79, no. 4, p. 637-638.

DESCRIPTORS: *Phenols, *Oxidases, Plants (Botany), Diseases, Tissues (Biology), *Cotton, *Fungus infections, Actinomyces, Resistance, Enzymes.

The increase in the content of polyphenols which is observed simultaneously with activation of the enzymes catalyzing their oxidation is an example of a defensive reaction which has been developed and intensified in
(Agriculture--Plant Cultivation, TT, v. 9, no. 12)(over)

63-13583

1. Title: Verticillium albo-atrum
I. Rubin, B. A.
II. Volobueva, P.
III. Translations, New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Pressure Distribution of Lifting Surfaces, by
M. A. Krasil'shchikova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXIX, No 5, 1951, pp 747-750.

Sci Tr Center RT-1097

Scientific - Physics

Jul 54 CTS

16,058

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Extension of A. N. Krylov's Method to Polynomial Matrices, by I. S. Arzhanykh, 4 p.
RUSSIAN, per, Doklady Akademii Nauk, SSSR, No 5, 1951, pp 749-752. 9698548

DDC [redacted]-447

[redacted]

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Jan 66

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The Applicability of Kirchhoff's Law to the Photosphere of Sun and of Stars of Class AO, by S. L. Belousov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, 1951, pp 763-766.

ATIC F-TS-9620/V

Sci - Astron
Mar 59

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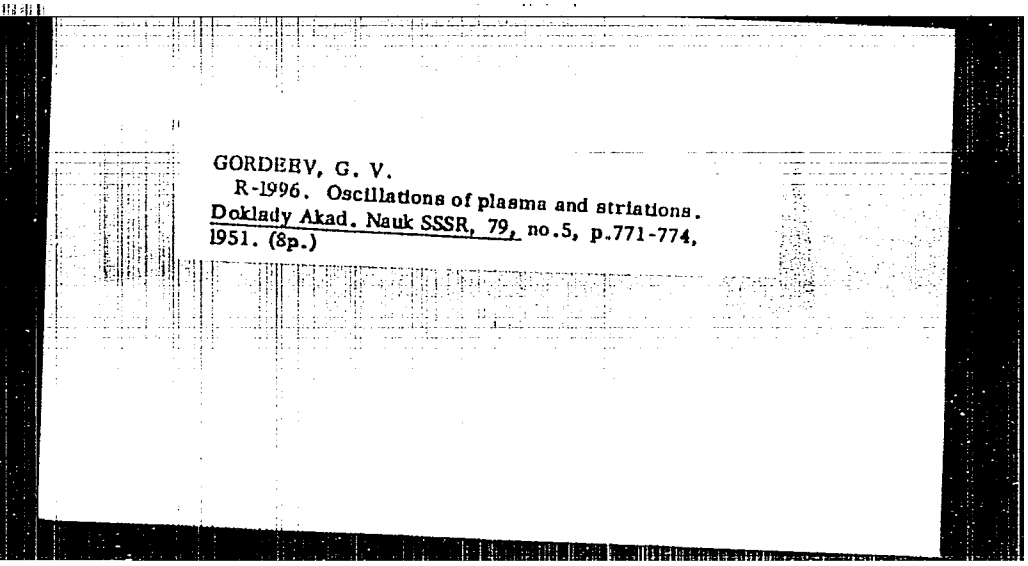

GORDEEV, G. V.
R-1996. Oscillations of plasma and striations.
Doklady Akad. Nauk SSSR, 79, no.5, p.771-774,
1951. (8p.)

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Oscillations in a Discharge as a Source of Moving Striations, by A. A. Saitsev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, pp 779-81.

AEC Tr 2559

Sci - Physics

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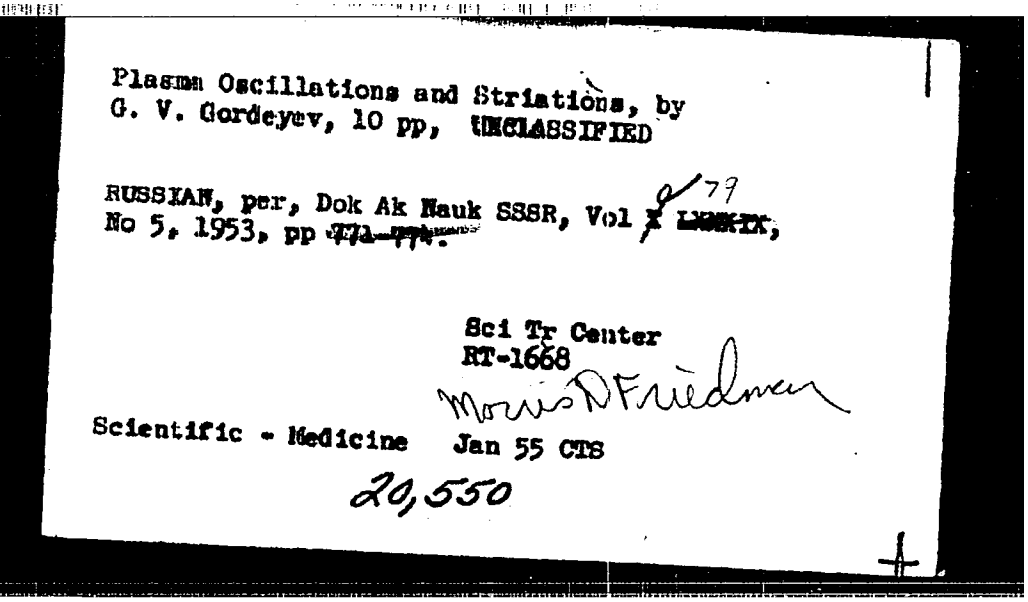

Plasma Oscillations and Striations, by G. V. Gordeyev, 10 pp, UNCLASSIFIED

RUSSIAN, per, Dok Ak Nauk SSSR, Vol X [illegible], No 5, 1953, pp [illegible].

Sci Tr Center
RT-1668
Morris D Friedman

Scientific - Medicine Jan 55 CTS

20,550

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Release of Electrons and Reflection of Ions From the Surface of a Metal, by M. A. Eremeev.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, 1951, p 775-777.

AEC Tr 1170

Doc Novo Natia no 303

Sci - Physics

Apr 52 CTS

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The Intermediate State of Superconductors, by E. M. Lifshits, Yu. V. Sharvin.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, p 783.-

SLA 60-1617
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Sci - Physics

Also Sci Mu 1352/1358

Apr 52 (TS

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Contribution to the Question of the Synthesis of Antimony Organic Compounds by the Method of Binary Diazonium Salts, by O. A. Reutov, O. A. Ptitsyna, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 5, 1951, pp 819-821.

NIH
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Scientific - Chemistry

9156

Jan 54 CIS

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Bromberg, A.V., Luk'yanovich, V.M., and others.
ELECTRON MICROSCOPIC EXAMINATION OF A FINE GRAIN STRUCTURE BY ITS DEVELOPMENT.
8 p. 2 refs. MTWL: 560.
Order from OTS or ETC $1.55 61-17132

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 79, no.5, p. 827-830.

DESCRIPTORS: *Electron microscopy, *Grains, Solids, Surfaces, Silver.

61-17132

I. Bromberg, A.V.
II. Luk'yanovich, V.M.
III. MTWL-560
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Investigation of the Spectra of a Large Chromospheric Flare on the Sun, by E. R. Mustel', A. B. Severniy.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol LXXX, No 6, 1951, pp 867-870.

*ATIC F-TS-9232/V

Sci - Astron
Jul 58

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Assimilation of Products of Microbial Activity (Antibiotics) by Roots of Plants, by N. A. Krasil'nikov.

Full translation.

RUSSIAN, per, Dok Ak Nauk, Vol LXXIX, 11 Aug 1951, pp 870-882. 511 P444A

USDA Tr

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USSR

Scientific - Biology

3413

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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The Absolute Intensity Distribution in Various Regions of the Spectrum, by Ye. V. Pyaskovskaya-Fesenkova, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 6, 1951, pp 957-960.

ATIC F-TS-9621/V

Sci - Astron
Mar 59

82, 845

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Spectrometric Characteristics of Color Development of Multilayer Color Photographic Materials, by D. K. Dalabukha, Yu. N. Gorokhovskiy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 6, 1951, pp 969-972.

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55586

Scientific - Chemistry CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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On the Intermediate Transformation of Austenite by
R. I. Entin

RUSSIAN, Dok Ak Nauk SSSR, Vol 79, 1951, No 6,
pp 973-976.

Brutcher Tech Tr No 2839

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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The Tautomerism and Isomerism of [illegible] dione, by G. Venag, Ya Eldus, S. Gilder, 9 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, N 1951, p 977.

CIA/FDD/X-974

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Scientific - Chemistry

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Viscosity of Molten Metals, by G. M. Panchenkov, 7 pp.

Full translation.

RUSSIAN, Dok Ak Nauk SSSR, 1951, Vol 79, No 6, pp 985-988.

Sci Mus Lib No 52/3268

Scientific - Chemistry

27 December 1952

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Concerning the Reactivity of Free Alkyl Radicals, by N. N. Tikhomirova, V. V. Voevodski

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, 1951, pp 993-996. CIA 9.3-20

TT-260

AEC Tr 1117

Scientific - Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Utilization of Antibiotics in Some Diseases of Plants, by N. A. Krasil'nikov, R. O. Mirzabekian, S. Askarova.

Full translation.

179

RUSSIAN, Dok Ak Nauk SSSR, Vol VIII, Aug 1951, pp 1025-1027. 511 P444A

USDA Tr

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Scientific - Biology Jul 53 CTS/DEX

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Change in the Form of Protein Molecules in Urea Solutions, by A. G. Pasynskiy, R. S. Chernyak, 4 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXX, No 6, 1951, pp 1001-1004.

NLL 11,253 C

CIA/FDD/X-988

Scientific - Chemistry Aug 53 CMS/DSX

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The Problem of the Temperature of Plant Leaves Under Artificial Illumination, by A. F. Kleshnin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXIX, No 6, 1951, pp 1029-1032.

SSA/ASLIB-CBLO

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The Solution of Nonstationary Boundary Problems in Electrodynamics, by M. V. Zernov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 1, 1951, pp 33-35.

CIA/FDD X-2425

Sci - Physics
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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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An Investigation of the Maximum Heat Flux During the Boiling of Water in Vertical Tubes, by S. M. Lukomskiy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 1, 1951, pp 53-56.

Sci Trans Center
RT-2691

Scientific - Chemistry
CTS 75/Dec 55

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

On the Effect of Angle of Slope on the Temperature State of the Wall of Steam Generating Tubes at High Pressures, by M. A. Styrikovich, Z. L. Miropolskiy, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXI, No 1, 1951, pp 57-60.

Sci Tr Center
RT-3920 39,166

Sci - Engineering
Sept Sep 56 CTS/dex

Sci Mus Sil 57/0494

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Razuvayev, G. A. and Vasileyskaya, N. S.
n REACTIONS OF CARBON TETRACHLORIDE WITH ALCOHOLS, tr. by L. J. Goodlet. July 60 [6]p. 6 refs. AWRE Trans. U. 143; [DSIR LLU] M. 2316.
Order from LC or SLA mi$1.80, ph$1.80 61-15459

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 80, no. 1, p. 69-72.

(Chemistry--Physical, TT, v. S, no. 12)

61-15459

1. Alcohols--Chemical reactions
2. Carbon tetrachloride--Chemical reactions
I. Razuvayev, G. A.
II. Vasileyskaya, N. S.
III. AWRE-U-143
IV. DSIR LLU M. 2316
V. Atomic Weapons Research Establishment (Gt. Brit.)

10661.

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Increasing the Yields of the Cotton Plant by Bud Removal and Inhibition of Shoot Growth During the Autumnal Period, by Iu. V. Rakitin, K. E. Cvcharov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. LXXX, 1 Sep 1951, pp 117-119. 5II T4HHR

USDA Trans 285

557

USSR
Economic - Agriculture, growth stimulators
Scientific - Biology, growth stimulators, plants

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

On the Relationship Between Heat Stability of Protoplasm and Temperature Conditions of Life, by V. Ya. Alexandrov, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, 1952, pp 149-152.

CIA/FDD X-4574

Sci - Biology
Mar 61

141,864

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

(FDD 13704)

Calculation of steady Two-Dimensional Motion of Two Streams of Underground Waters With a Free Surface and With Different Mineral Content, by N. K. Girinskiip,

RUSSIAN, thrice-mo per, Dok Ak Naul; SSSR, Vol LXXX, No 2, Moscow/Leningrad, [illegible] 11 Sep 1951, pp 181-184.

CIA/FDD/U-2788

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Scientific - Geophysics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

(FDD 27155)

Radiation Resistance of a Dipole Close to a Highly Conductive Ellipsoid of Revolution, by R. G. Mirimanov, 7 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Vol LXXX, No 2, Moscow, 1951, pp 189-192.

CIA/FDD/U-7941

33,374

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Sci - Electronics Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

On the Nonlinear Theory of Electron Plasma Oscillations, by A. I. Akhiezer, G. Ya. Lyubarskii.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 2, USSR, 1951, pp 193-195.

ARC Tr 1466
RT-2031

Scientific - Electronics, plasma oscillations

Jan 53 CTS/DEX

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Akhiezer, A. I. and Lyubarskii, G. Ya.
THÉORIE NON LINÉAIRE DU PLASMA ÉLECTRONIQUE (K Nelineinoi Teorii Kolebanii Elektronnoi Plazmy) [On a Nonlinear Theory of Oscillations of Electron Plasma] tr. by [B.] de Trezvinski. 28 Nov 61 [10]p. (Russian text included). CEA Trans. no. R 1443 (text in French).
Order from OTS or SLA $1.10 62-19010

Trans. in French of Akad[emiya] Nauk SSSR. Dokl[ady] 1951, v. 80, no. 2, p. 193-195.
A trans. in English is available from SLA as RT-2031.

DESCRIPTORS: *Nonlinear systems, Equations, Plasma oscillations, Electrons, *Plasma physics.

(Physics--Theoretical, TT, v. 8, no. 3)

62-19010

I. Akhiezer, A. I.
II. Lyubarskii, G. Ya.
III. CEA-tr-R1443
IV. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Kondorskiĭ, E.
THE THEORY OF COERCIVITY AND THE MAGNETICSUSCEPTIBILITY OF FERRO-MAGNETIC POWDERS (DEPENDENCE ON PACKING DENSITY). 6 p. 6 refs. MTWL: 561
Order from OTS or ETC $1.55 61-17113

Trans. of Akademiya Nauk SSSR. Doklady, 1951, v. 80, no. 2, p. 197-200.

DESCRIPTORS: *Ferromagnetic Materials, Powder Metallurgy, Magnetic Susceptibility, Theory.

61-17113

I. Kondorskiĭ, E.
II. MTWL-561
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur.

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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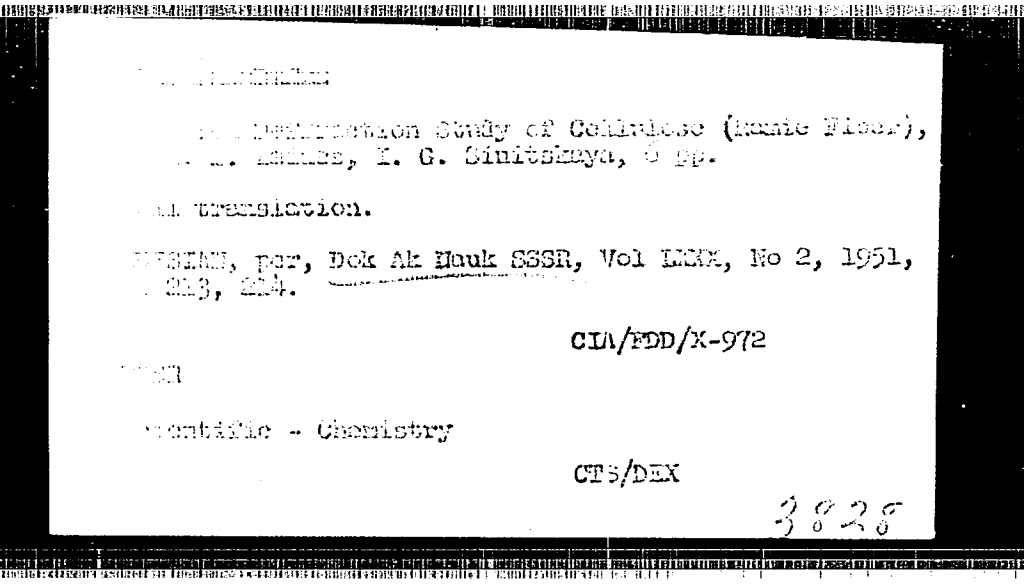

[illegible] Determination Study of Cellulose (Ramie Fiber), [illegible] L. Ashkin, I. G. Sinitsinaya, 9 pp.

[illegible] translation.

[illegible]SSSR, per, Dok Ak Nauk SSSR, Vol LXXX, No 2, 1951, pp 213, 214.

CIA/FDD/X-972

[illegible]

[illegible] Scientific - Chemistry

CTS/DEX

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

On the Theory of Coercivb Force and Magnetic Susceptibility of Ferromagnetic Powders, (Relation to Density of Packing), by E. Kondorskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 2, 1951, pp 197-200.

Sci Mus Lib Tr No 53/2282
SLA 61-13688

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Scientific - Physics

Feb 54 CTS 9615-

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

Function of the Internal Centers Formed in Photolysis of Emulsions in the Ripening Process, by I. M. Hutner, A. A. Titov, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 2, 1951, pp 217-220.

CIA/FDD/X-1080

Scientific - Chemistry CTS/DEK

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Photosynthesis of Arctic Plants During 24-hour Illumination, by V. P. Dadykin, V. G. Grigor'eva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, 1951, pp 261-263.

SLA R-1251

May 58

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V (FDD 2(197)

Principle of Maximum Absorption for a Wave Guide, by A. G. Sveshnikov, 5 pp.

Russian, thrice mo per, Dok Ak Nauk SSSR, Vol LXXX, No 3, Moscow, 1951, pp 345-347.

CIA/FDD/U-7995

33,383

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Sci - Electronics, Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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(FDD 27156)

One Method for Determining the Electromagnetic Field Inside a Closed Spherical Shell, Part of Which has a Different Dielectric Strength, by R. G. Mirzoyanov, 6 pp.

RUSSIAN, thrice mo per, Dok Ak Nauk SSSR, Novaya Ser, Vol LXXX, No 3, Moscow, 1951, pp 361-364.

CIA/FDD/U-7994

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Sci - Electronics, Physics

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Condensation of Dicarboxy Glycols With Benzene, by I. P. Labunskiy, I. P. Tsukervanik, 8 pp.

RUSSIAN, Zhrice-mo per, Dok Ak Nauk, SSSR, Vol LXXX, 1951, pp 369-372.

CIA/FDD/XX-94
IAC INTERNAL USE ONLY

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Scientific - Chemistry Feb 56 CTS/DEK

NOT RELEASABLE TO FOREIGN NATIONALS

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The Proton - Ion Mechanism of Alkylation and Polymerization Reactions, by A. V. Topchiyev, Ya. M. Paushkin, T. P. Vishnyakova, M. V. Kurashov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 3, 1951, pp 381-384.

CIA/FDD 00-W-22513
DSIR LLU M.1663
(loan)

128,187

Sci
Sep 60

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Photochemical Properties of Complexes of Chlorophyll With Iron, by M. S. Ashkinazi, B. Y. Dain, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, 1951, pp 385-388.

SLA R-1253

May 58

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Influence of Pantothenic-Acid Deficiency on the Synthesis of Hippuric Acid in Homogenized Rat-Liver Tissue, by E. F. Efimochkina, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 3, Sep 1951, pp 405-408.

NIH
RT-1667

Scientific - Biology CTS/DEK

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Quantitative Chromatographic Determination of Volatile Fatty Acids, by V.L Kretovich, T.V. Drozdova, I.S. Petrova, 8p.
RUSSIAN, per, Doklady Akademiya Nauk SSSR, Vol 80, No 3, 1951, pp 409-412.
K-H 2318 e

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321,664

Sci - Chemistry
Mar 67

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The Problem of the Utilisation of Herbicides by Introduction Into the Soil, by I. K. Taitovich.

URSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, 21 Sep 951, pp 417-420. ~~511 P444A~~

USDA Trans 309

USSR
Economic - Agriculture, herbicides
Scientific - Biology , herbicides

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APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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On the Mineralogy of the Black Minerals. Anosovite, in High-Titanium Slags, by D. S. Belyankin, V. V. Lapin

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 3, 1951, pp 421-424.

Brutcher Tr No 3098

Jul 53 CTS/DEK

Scientific - Minerals/Metals Price $3.65

3512

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301030021-8

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Influence of Nitrogen Nutrition and Illumination on the Chemical Constitution of Chloroplasts, by O. P. Osipova, I. V. Timofeeva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, 1951, pp 449-451.
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SLA Tr R-1252

Sci

Jun 58

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On the Maximum Discrepancy Between Two Empirical Distributions, by B. V. Gnedenko, V. S. Korolyuk, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 525-528.

Sci Trans Center RT-434

Scientific - Mathematics
CTS/DEX

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Photofission of Heavy Cosmic Ray Particles Occurring Under the Action of Solar Radiation, by G. T. Zatsepin, 5 pp. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 577, 578.

Sci Mus Lib 58/1547

Sci - Geophys
Mar 59

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Diffusion of Silver and Bromine Ions in Solid Silver Bromide, by A. Murin, Yu. Taush, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 579-581.

CIA/FDD/X-1084

Chemistry

Scientific - [redacted] CFS/DEK

5579

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Photoluminescence of Sublimate Phosphors of Zinc Sulphide and Zinc Selenide, by K. V. Shalimova, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 587-590.

Sci Tr Center RT-2185

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Scientific - Chemistry apr 52 USS

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Determination of Dynamic Parameters of Foci of Earthquakes From Observations at Distant Stations, by A. V. Vvedenskaya. (unedited)

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXX, No 4, 1951, pp 591-594.

Univ of Wisconsin
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Sci - Geophys
Apr 60

113 914

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The Wavelength Dependence of the Scattering of Light in the Atmosphere, by E. V. Pyaskovskaya-Fesenkova.
RUSSIAN, per, AN SSSR, Doklady, Vol 80, No 4, 1951, pp 595-598.
Dept of Navy/ APL/JHU T-2069

Sci/Phys
Feb 68

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